



Neurocenter

The many faces of stroke recovery

10th Symposium on Behavioral Neurology

Lucerne, 12th May 2023

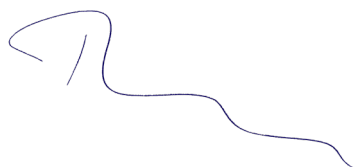
Editorial

Dear colleagues,

"The Brain - is wider than the Sky - For - put them side by side - The one the other will contain - With ease - and you - beside", wrote Emily Dickinson in 1862. As wide and multifaceted the capabilities of the human brain are, as profound and diverse the effects of stroke can be. It's not by chance that stroke remains one of the most prominent causes of disability-adjusted life years: stroke and its recovery have many faces.

It is our great pleasure to invite you to the 10th anniversary of the Symposium on Behavioral Neurology in Lucerne, Switzerland, taking place on May 12th, 2023. With the 10th anniversary edition, we want to celebrate the diversity of subjects and approaches in stroke recovery research. In a partial review of the past annual editions of the Symposium, we selected four fascinating research areas: motor impairments, neglect, language impairments, and apraxia. We are very pleased that, again, internationally renowned speakers and promising young scientists agreed to participate and share their expertise and latest findings with us.

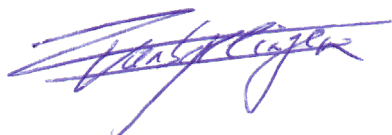
We are proud that the Symposium on Behavioral Neurology in Lucerne is becoming a tradition, and we look forward to welcome numerous recurring and new attendees, in an interdisciplinary audience of neurologists, neuropsychologists, cognitive neuroscientists, psychiatrists, physiotherapists, occupational therapists, and speech and language therapists engaged in research, treatment and care of patients. We look forward to inspiring talks and lively discussions.



Prof. Dr. med. Stephan Bohlhalter
Chair Neurocenter
Luzerner Kantonsspital



Prof. Dr. med. Thomas Nyffeler
Head Neurorehabilitation
Luzerner Kantonsspital



Prof. Dr. med. Tim Vanbellinghen
Head Motor Rehabilitation
Luzerner Kantonsspital



PD Dr. phil. Dario Cazzoli
Head Neurovisual Rehabilitation
Luzerner Kantonsspital

Speakers

Nick Ward	Professor of Clinical Neurology and Neurorehabilitation University College London (UK)
Janne Veerbeek	Physical Therapist and Senior Researcher Lucerne Cantonal Hospital LUKS (CH)
Paolo Bartolomeo	Professor of Neurology Sorbonne University, Paris Brain Institute ICM (FR)
Fabrizio Doricchi	Professor of Neuropsychology La Sapienza University, Rome (IT)
Natacha Cordonier	Speech & Language Therapist and Postdoctoral Researcher University of Neuchâtel (CH)
Brigitte Kaufmann	Neuropsychologist and Postdoctoral Researcher Lucerne Cantonal Hospital LUKS (CH)
Alex Leff	Professor of Cognitive Neurology University College London (UK)
Cornelius Weiller	Professor of Neurology University Medical Center Freiburg (DE)
Joachim Hermsdörfer	Professor of Human Movement Sciences Technical University of Munich (DE)
Peter H. Weiss-Blankenhorn	Professor of Cognitive Neurology University Hospital Cologne (DE)

Organised by
Neurocenter, Lucerne Cantonal Hospital

Programm

Friday, 12th May 2023, Lucerne

09:00 h **Welcome**
Stephan Bohlhalter, Thomas Nyffeler, Tim Vanbellinghen, Dario Cazzoli

Motor impairments after stroke and their recovery
Chair: Tim Vanbellinghen

09:20 h **Mechanisms and treatment of upper limb impairment after stroke**
Nick Ward, London (UK)

10:00 h **Prediction of motor (cognitive?) recovery after stroke**
Janne Veerbeek, Lucerne (CH)

Neglect after stroke and its recovery
Chair: Dario Cazzoli

10:40 h **Compensation of stroke-induced cognitive deficits: a tale of two hemispheres**
Paolo Bartolomeo, Paris (FR)

11:20 h **New insights into spatial neglect from EEG investigations**
Fabrizio Doricchi, Rome (IT)

12.00 h **Lunch**

With friendly support of



Young researchers' session

- 13:00 h **Recovery of nonliteral language impairments following right hemisphere damage: what do we know?**
Natacha Cordonier, Neuchâtel (CH)
- 13:20 h **It takes three to tango – Joint impact on attention, alertness, and inhibition of lesions at a frontal white matter crossroad**
Brigitte Kaufmann, Lucerne (CH)
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Language impairments after stroke and their recovery

Chair: Thomas Nyffeler

- 13:40 h **Dosage, intensity, and frequency of language therapy for aphasia**
Alex Leff, London (UK)
- 14:20 h **Mechanisms and factors in recovery from stroke**
Cornelius Weiller, Freiburg (DE)
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- 15:00 h **Coffee Break**
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Apraxia after stroke and its recovery

Chair: Stephan Bohlhalter

- 15:40 h **Apraxia in everyday hand actions and use of assistive technology**
Joachim Hermsdörfer, Munich (DE)
- 16:20 h **Cognitive and clinical aspects of apraxia**
Peter H. Weiss-Blankenhorn, Cologne (DE)
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- 17:00 h **General discussion, concluding remarks and closing of the Symposium**

General information

Registration

- There will be a registration desk at the conference, but we kindly ask for registration in advance under:
[10th Symposium on Behavioral Neurology](#)

Accommodation

- The wonderful city of Lucerne offers a lot of nice accommodations in the city center. From there, the hospital can easily be reached by bus or by foot in around 20 minutes.
- Hotels in Lucerne:
Luzern.com/en/bookings/hotels

Contact

- If you need further information, please contact us by e-mail:
joelle.fliss@luks.ch

Credits

- SGN 6 points

Location

- Luzerner Kantonsspital
6000 Lucerne
Switzerland
Lecture Hall, 3rd floor



Luzerner Kantonsspital | Neurozentrum
Spitalstrasse | 6000 Luzern 16 | luks.ch/neurozentrum

Rechtsträger für den Betrieb des Luzerner Kantonsspitals ist die LUKS Spitalbetriebe AG